B1080PW-2

User Manual

Mar 26, 09

FCC Notices

It's herewith confirmed to comply with the requirements of FCC Part 15 Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generated uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio of television reception, which can be determined by turning the equipment off or on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

CE Declaration

This device complies with CE class B.

EN55022	IEC 61000-4-4
EN61000-3-2	IEC 61000-4-5
EN61000-3-3	IEC 61000-4-6
EN55024	IEC 61000-4-8
IEC 61000-4-2	IEC 61000-4-11
IEC 61000-4-3	

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1. PACKAGE CONTENTS

1. B1080PW-2
2. Remote Control
3. Audio Cable
4. Y.Pb.Pr Cable
5. S-Video Cable
6. Power Adapter
7. User Manual
8. Schedule Software

B1080PW-2

Remote Control

Audio Cable

Y.Pb.Pr Cable

S-Video Cable

Power Adapter (DC 12V, 1.5A)

User Manual

Schedule Software

2. INTRODUCTION

The B1080PW-2 is a digital media player that plays HD WMV9 and WMA from CF memory card without a computer.

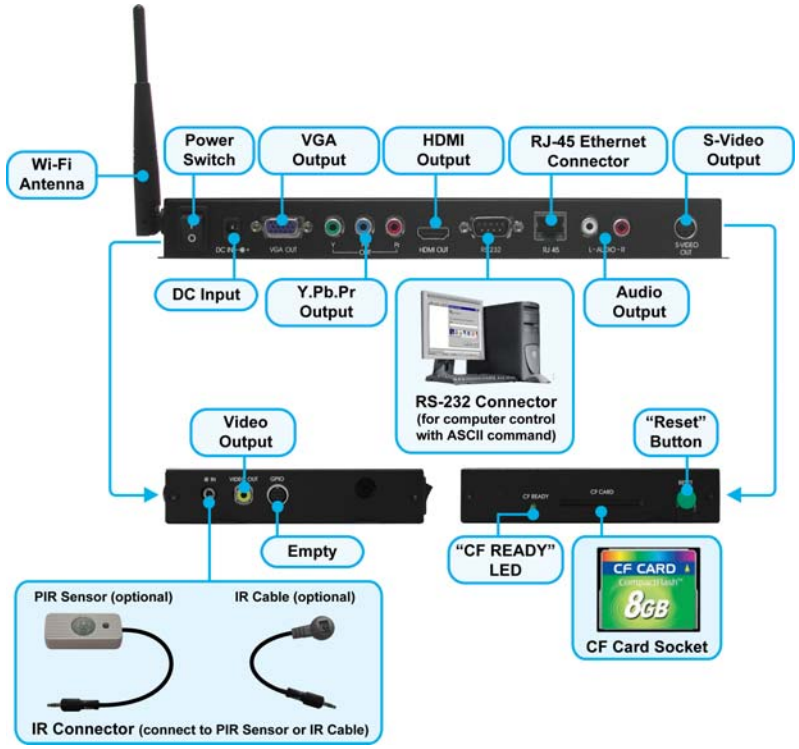
The B1080PW-2 supports High Definition movie hardware decode acceleration, presents for you the smoother and clearer picture, it supports high resolution video output such as 1080P / 1080i / 720P for movie theater quality video on a big screen. By connecting to Video, S-Video, Y.Pb.Pr, VGA (resolution up to 1360 x 768), HDMI (1920 x 1080P) and Audio, you can play picture, movie and music on any display device.

The B1080PW-2 can connect to a wired or wireless network. The B1080PW-2 features 802.11g / 802.11b wireless technology for data transfer speed up to 54Mbps / 11Mbps on a wireless network and can connect to a wired network at speed up to 100Mbps. This function provides you with maximum throughput for sharing and transferring digital media.

3. FEATURES

- Supports multiple file formats: HD WMV9 and WMA.
- Supports Video, S-Video, Y.Pb.Pr(1080i), HDMI(1080p), VGA (1360 x 768) and Audio output.
- Supports RS-232 port for computer control with ASCII command (play, stop, pause…etc).
- Connect using an Ethernet network cable at up to 100Mbps.
- Easily connect to your wireless network using 802.11g at up to 54Mbps. 802.11b is compatible at 11Mbps.
- Wireless Signal Range: Indoors: Up to 20 – 25 meters.
  Outdoors: Up to 60 – 80 meters.
- Supports WEP (Wired Equivalent Privacy) encryption technology used by wireless device.
- **Schedule Function:** The B1080PW-2 will auto play the designated file at the specify date.
- **Touch-Sensor Buttons Function (optional)**
  - Press one of the touch-sensor buttons, the B1080PW-2 will play the corresponding file automatically.
  - The number of touch-sensor buttons can be customized to 12, 24 or 36 for OEM project.
  - Used with various operating environment (glass, plastics and acrylic material, except metal material), the thickness supports 3mm -5mm, and it can be customized to 5cm for OEM project.
- **PIR Sensor Function (optional)**
  - After sensing approaching subjects, the B1080PW-2 will play the files automatically.
  - Sensing distance is up to 3 meters with an angle of 45° .
- Supports CF memory cards. (Suggest using the high speed (150X) CF card)
- **Supports HTTP command function.**
- **Supports Auto Key Lock function.**
- **Exports the Configuration Value:** You can export the configuration value to the CF card. The configuration can be modified on your PC, and can be applied to the B1080PW-2 or others.
- **Compatible with Windows Media Player 11:** Play media files stored in a network computer.
- **Supports FTP Auto Download Function:** Connect to Remote FTP server and download data to the CF card automatically.
- **Supports Download Pause / Resume Function:** Continue unfinished downloads upon next session.
- Embedded FTP Server.
- Supports NTP Network (G..M.T) Timer.
- Supports Universal Plug and Play (UPnP) and DHCP.
- **Supports SLIDE SHOW Function (interval time with 10/ 15/ 30/ 60 seconds).**

4. HARDWARE OVERVIEW



- **Power Switch:** Toggle between main power on & off.
- **DC Input:** For the power adapter. (DC 12V / 1.5A)
- **VGA Output:** Connects to devices that support VGA input. (LCD、projector)
- **Y.Pb.Pr Output:** Connects to devices that support Y.Pb.Pr input. (HDTV、projector)
- **HDMI Output:** Connects to devices that support HDMI input.
- **RS-232 Connector:** Used for computer control with ASCII command.
- **RJ-45 Ethernet Connector:** Connects to router or PC by RJ-45 Cable.
- **Audio Output:** Connects to sound input. (HDTV with amplified speaker)
- **S-Video Output:** Connects to devices that support S-Video input. (HDTV、projector)
- **IR Input:** Connects to PIR Sensor (optional) or IR Cable (optional).
- **Video Output:** Connects to device that support Video input. (HDTV、projector)
- **"CF READY" LED:** Steady green confirms that the CF card is inserted correctly.
- **CF Card Socket:** For CF memory card.
- **"RESET" Button:** To restart the B1080PW-2.

5. REMOTE CONTROL

1 Power on/ off
2 Select the output mode
3 Numeric Key
4 Delete last entry
5 Select a function or to play the selected file
6 Open the setup menu Mute sound
7 OSD display function on/ off
8 Auto-play function on/ off
9 Mute sound
10 Volume up/ down
11 Move the cursor
12 Confirm the selection/ entry
13 Go back one layer
14 Select the TV type (NTSC/ PAL)
15 Shuffle on & off
16 Play the file selected
17 View the previous/ next file
Play the previous/ next file if in playback
18 Select the repeat mode
19 Rewind/ forward movie or music files
20 Stop playback
21 Show the information of the file selected
22 Search video (movie) timeframe
23 Zoom in/ out on the movie or picture
24 Pause the playback or play frame by frame

5.1 ENTERING TEXT OR IP ADDRESS

- Keys need to be pressed multiple times to enter the letter corresponding to that key.
  For Example: To enter the letter “a”. you would press the “2” button twice.
- **Enter The IP Address**
  For Example: To enter the IP address”192.168.100.100”,.
  Step 1: Press “1” once, then “1” is displayed, and the color of “1” is orange.
  Step 2: When the color of “1”turns white, press “9” once, then “9” is displayed.
  Step 3: Repeat steps 1 and 2 to enter and complete the IP address.

6. START THE B1080PW-2

- **Power On**
  - Insert the CF memory card that has Picture, Music, Movie or WMV9 files.
  - Press the “POWER” button to power on the B1080PW-2, then press the “TV MODE” button to select the output mode.
- **Status After Power On**
  - **Status 1:** If the “AUTOPLAY (Movie or Picture)” function is enabled and there are movie or picture files on the CF card, the B1080PW-2 will auto play movie or picture files on the CF card after power on.
  - **Status 2:** If the “AUTOPLAY” function is disabled, after power on the main menu will appear as shown in the following figure. There are two groups in the main menu (“/mnt/CF” and “SETUP”).

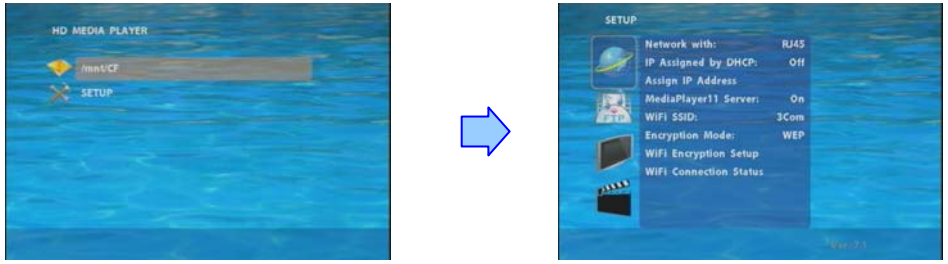
NOTE：

1. The pop-up window that shows the state of wireless will appear later, if the wireless network is enabled when the B1080PW-2 is turned on.
2. The pop-up window that shows the IP address will appear later, if DHCP mode is selected when the B1080PW-2 is turned on.

- **Power Off:** Press the “POWER” button again to power off.

7. SETTING UP

- In the main menu, using the "▼" button on remote control to select the "**SETUP**" item, then press the "ENTER" button. You will be presented with the B1080PW-2 settings screen.
- You can also press the "**SETUP**" button on remote control to directly open the settings screen. (If there is file that is being play, please stop first.)
- There are four groups of sub-menu in the main menu ("Network Setup", "FTP Setup", "Video Setup" and "Other Setup").
- In the settings screen, you can use the "▲、▼、◄、►" buttons to select an item, and press the "ENTER" button to confirm the selection.
- Press the "SETUP" button on remote control to save and quit the settings screen.



7.1 NETWORK SETUP

- **Network with:** Select your network connection Disable/ RJ45/ Wi-Fi.
- **IP Assigned by DHCP:** If you have a DHCP-enabled router, please select "On", then the router will automatically assigns an IP address to the B1080PW-2. If you don't have a DHCP –enabled router, select "Off" and type the network information in "**Assign IP Address**".

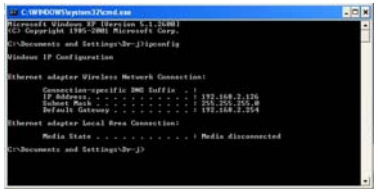
7.1 NETWORK SETUP (continued)

- **Assign IP Address:** If the B1080PW-2 is connected to a network without a DHCP server or you want to use Local FTP Server function, enter the fixed IP address, Mask, Gateway and DNS for the B1080PW-2.

  PS. Refer to 5.1 for how to enter IP address by remote control.

NOTE: Before setting the IP address, Mask, Gateway and DNS, check the network information of your PC. Please follow the steps below to get the network information of your PC.

Step 1: Click on "Start" → "Run" and type in "command", then press "ENTER".
The MS-DOS window will appear, type in "ipconfig" and then press "ENTER" to get the network information.



Step 2: Assign IP Address, Mask (Subnet Mask) and Gateway (Default Gateway) for the B1080PW-2.
Enter the same values of the Subnet Mask and Gateway, and be careful not to enter the values of IP address that are already used by other devices on the network.

- **Media Player 11 Server:** Enable/ disable the Media Player 11 server.
- **Wi-Fi SSID:** Select the SSID that is being used by your wireless network.

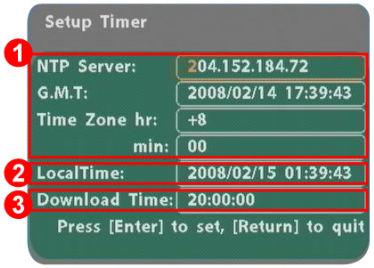
NOTE: If your router does not list its SSID, then it is a hidden network, and the B1080PW-2 cannot detect it. You must manually enter your wireless settings in "Wi-Fi Encryption Setup".

- **Encryption Mode:** Disable/ enable the encryption function. The B1080PW-2 supports WEP (Wired Equivalent Privacy) encryption technology used by wireless device.
- **Wi-Fi Encryption Setup**
  - **SSID:** The SSID name selected in "**Wi-Fi SSID**" appears here. You can also enter SSID name manually here.
  - **Password:** To connect to an encrypted wireless device, the password you enter here must match the password of the device exactly. (The B1080PW-2 can use 16bit Hex WEP protection)

  NOTE: The SSID and password are case-sensitive.
- **Wi-Fi Connection Status:** Shows the Wi-Fi information (SSID Name/ Quality/ Channel/ Connection Speed).

7.2 FTP SETUP

- **Local FTP Server:** Turn on/ off the B1080PW-2 server.
  (If you use the B1080PW-2 server, please disable the DHCP function and input a fixed IP address, Mask, Gateway and DNS of the B1080PW-2)
- **Local FTP Server Setup:** Set the "Port", "User ID" and "Password" of the B1080PW-2.
  (The Default Port: 21, User ID: root, Password: admin)
- **FTP Auto Download:** Enable/ Disable the FTP auto download function.
- **Remote FTP Download Setup**
  - **Server IP:** Enter the domain name or IP address of the FTP as was given to you by your Web hosting provider.
  - **Port:** The default port for FTP is 21. In most cases you should not change this number. If the FTP site uses a port other than 21, you should enter the correct port.
  - **User ID:** Enter the user name of the Remote FTP server.
  - **Password:** Enter the Password of the Remote FTP server.
  - **FTP Path:** Enter the folder path that you want to share.
- **NTP Server:** Enable/ Disable the NTP server function. (if the B1080PW-2 isn't connect to internet, please disable the NTP Server function)
- **Time Setup:** Set the **NTP Server**, **Local Time** and **Auto Download Time** here.



① **NTP Server** (the B1080PW-2 must be already connected to the network)
- NTP Server: Enter the NTP server IP address like: 204.152.184.72.
- G.M.T: After B1080PW-2 get the time from NTP server, it will update the G.M.T field.
- Time Zone: Use the **Volume +**, **-** and **Numeric Key** to set the time zone of your location. (time zone must be set properly for the **Auto-Download** and **Schedule** functions)

NOTE: GMT and applied regions

Time Zone	Region
(GMT-12:00)	Eniwetok, Quazalen
(GMT-11:00)	Midway, Ireland, Samoa
(GMT-10:00)	Hawaii
(GMT-09:00)	Alaska
(GMT-08:00)	Pacific GMT (U.S. & Canada); Tijuana
(GMT-07:00)	Continental GMT (U.S. & Canada)
(GMT-07:00)	Arizona
(GMT-06:00)	Mexico city
(GMT-06:00)	Saskatchewan
(GMT-06:00)	Eastern Coast GMT (U.S. & Canada)
(GMT-06:00)	Indiana (Eastern Coast)
(GMT-04:00)	Atlantic GMT (Canada)
(GMT-04:00)	Santiago
(GMT-04:00)	Caracas, La Paz
(GMT-04:00)	Newfoundland
(GMT-03:00)	Greenland
(GMT-03:00)	Buenos Aires, Georgetown
(GMT-03:00)	Brasilia
(GMT-02:00)	Mid-Atlantic
(GMT-01:00)	Capo Verde Is.
(GMT-01:00)	Azores
(GMT-00:00)	Greenwich GMT; Dublin, Edinburgh, Lisbon, London
(GMT-00:00)	Casablanca, Monrovia
(GMT+01:00)	Beograd, Bratislava, Budapest, Ljubljana, Prague
(GMT+01:00)	Brussels, Copenhagen, Madrid, Paris
(GMT+01:00)	Sarajevo, Skopje, Sofia, Vilnius, Warsaw, Zagreb
(GMT+01:00)	Midwest Africa
(GMT+01:00)	Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna
(GMT+02:00)	Bucharest
(GMT+02:00)	Athens, Istanbul, Minsk
(GMT+02:00)	Jerusalem
(GMT+02:00)	Cairo
(GMT+02:00)	Harare, Pretoria

Time Zone	Region
(GMT+02:00)	Helsinki, Riga, Tallinn
(GMT+03:00)	Nairobi
(GMT+03:00)	Moscow, Saint Petersburg, Volgograd
(GMT+03:00)	Baghdad
(GMT+03:00)	Kuwait, Raid
(GMT+03:30)	Tehran
(GMT+04:00)	Baku, Tbilisi, Ere van
(GMT+04:00)	Abu Dhabi, Muscat
(GMT+04:30)	Kabul
(GMT+05:00)	Yekaterinburg
(GMT+05:00)	Islamabad, Karachi, Tashkent
(GMT+05:30)	Calcutta, Chennai, Mumbai, New Delhi
(GMT+05:45)	Katmandu
(GMT+06:00)	Sri Jayewardenepura Kotte
(GMT+06:00)	Astana, Dakar
(GMT+08:00)	Irkutsk, Ulan Bator
(GMT+08:00)	Kuala Lumpur, Singapore
(GMT+08:00)	Taipei
(GMT+08:00)	Perth
(GMT+09:00)	Seoul
(GMT+09:00)	Yakutsk
(GMT+09:00)	Osaka, Sapporo, Tokyo
(GMT+09:30)	Darwin
(GMT+09:30)	Adelaide
(GMT+10:00)	Guam, Port Moresby
(GMT+10:00)	Brisbane
(GMT+10:00)	Vladivostok
(GMT+10:00)	Canberra, Melbourne, Sydney
(GMT+10:00)	Hobart
(GMT+11:00)	Magadan, Solomon Is., New Caledonia
(GMT+12:00)	Auckland, Wellington
(GMT+12:00)	Fiji, Kamchatka Pen., Marshall Is.
(GMT+13:00)	Nuku'alofa

② **Local Time:** Set the system time manually.

NOTE: If the **NTP Server** and **Local Time** have been set, the NTP Server will be the first priority (the B1080PW-2 is already connected to the network).

③ **Download Time:** Set the FTP auto-download time.

- **Local HTTP Server:** Enable/ Disable the HTTP command function.
- **Local HTTP Server Setup:** To set the "Port", "User ID" and "Password" of the B1080PW-2. (The Default Port: 80, User ID: root, Password: admin)

NOTE: Press the "SETUP" button on the remote control to save the settings, and it will auto exit the settings screen, then restart the B1080PW-2.

7.3 VIDEO SETUP

- **TV Standard:** Select the output TV video format (NTSC / PAL).
- **NTSC Active Output:** Select the output mode. (HDMI/ SD Video/ VGA/ HD Y.Pb.Pr) You can also press directly the "TV MODE" button on the remote control to select output mode.
- **Aspecl-ratio:** Select TV mode 4:3 or 16:9.
- **HDMI:** Select the HDMI output resolution among 480i / 480p/ 720p / 1080i/ 1080p. Select the "Auto EDID", the B1080PW-2 will scan the display device connected and set the correct resolution automatically.
- **SD Video:** Select the SD output mode. ("Video/ S-Video" or "Y.Cb.Cr")
- **VGA 60Hz:** Select the VGA output resolution. (640*480 / 800*600/ 1024*768/ 1280*1024/ 1360*768)
- **HD Y.Pb.Pr 60Hz:** Select the Y.Pb.Pr output resolution among 480p / 720p / 1080i.
- **Scrolling text color:** Select the text color (white/ yellow/ green/ rotation)
- **Scrolling text background:** Turn on/ off the text background.
- **Scrolling text:** Select the language of scrolling text: Latin (English)/ Japanese.

7.4 OTHER SETUP

- **Play OSD Display:** Enable or disable the OSD display.
- **Auto Play**

- Movies: Auto play movie files on the CF card after power on.

- Pictures: Auto play picture files on the CF card after power on. (slideshow function)
- Off: Turn off the Auto Play function.

- **SlideShow Interval:** Set the time each photo is shown to 10, 15, 30 or 60 seconds.
- **Lock Remote Controller:** Enable/ disable the auto key lock function. (The B1080PW-2 will auto lock when there is no further input for 1 minute.)
- **Lock Password Setup:** Press the "Enter" button to open the "Set Password" window. Enter the password with numeric buttons and press the "Enter" button to save the new password (The default password: 123).

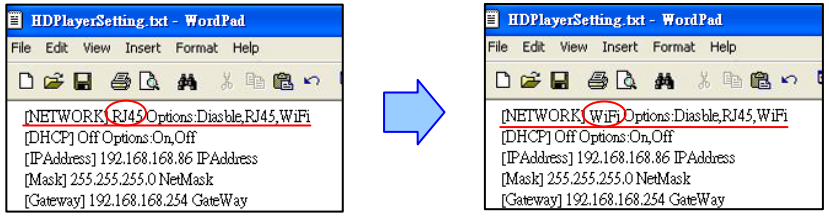
7.4 OTHER SETUP (continued)

- **Export Setting File:** Press the “Enter” button to export the configuration value to the CF card.

  - Copy the file “HDPlayerSetting.txt” on CF card to your PC. Use the “Wordpad” to open the file, and you can see all the configuration value of B1080PW-2.
  - You can modify directly the configuration value on your PC.

    Example. [NETWORK] RJ45 Options:Diasble,RJ45,WiFi

    “RJ45” is the current setting, you can modify directly to **“WiFi”** (Disable, RJ45 and WiFi are the other settings that you can change).



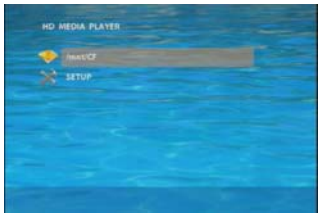
  - Copy the completed file “HDPlayerSetting.txt” from PC to CF card. Insert the CF card to the B1080PW-2, the B1080PW-2 will apply the new settings automatically.

- **Play Button：**Only for used with play buttons. The B1080PW-2 supports two options (Repeat Default / Repeat All) when the demo file finishes playing.

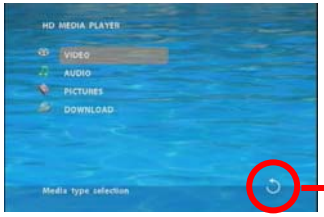
8. USING THE B1080PW-2

8.1 PLAY MEDIA FILES ON THE CF CARD

Step 1: Insert the CF card with media files, then turn on the B1080PW-2 and press the “ENTER” button on the remote control when “’mnt/CF” is highlighted to take you into the CF card.



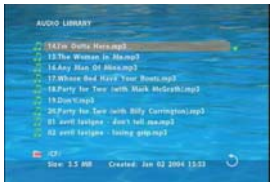
Step 2: Select the type of data (VIDEO/ AUDIO/ PICTURES) you want to play, and then press the “ENTER” button on remote control to take you into the “VIDEO LIBRARY”, “AUDIO LIBRARY” or “PICTURE LIBRARY”.



PS. If the symbol (return) appears on the screen, you can use “**RETURN**” button of the remote control to go back one layer.

Step 3: Select the file you want to play, and press “ENTER” or “PLAY” button on the remote control to play the file.

VIDEO LIBRARY



AUDIO LIBRARY

PICTURE LIBRARY

8.1.1 Using the Remote Control When Media File Is Playing

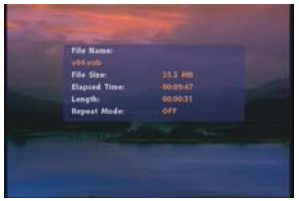
- **SETUP:** Press the button to adjust the brightness, contrast or saturation while the **movie** or **picture** is playing. With the "+ VOLUME –" button.
  - **First Press:** Adjust the brightness.
  - **Second Press:** Adjust the contrast.
  - **Third Press:** Adjust the saturation.

Brightness

Contrast

Saturation

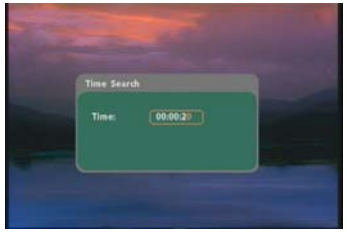
- **MUTE:** Mute the sound while the movie or music is playing.
- **+ VOLUME -:** Increase/ decrease the volume while the **movie** or **music** is playing.
- **SHUFFLE:** Turn on/ off the shuffle function.
- **PREV / NEXT:** Play the previous/ next file.
- **REPEAT:** Select the repeat mode.
- **REV / FWD:** Rewind/ forward movie or music file.
- **STOP:** Stop playing, and go back one layer.
- **INFO:** Display the file information.



File Information

- **SERACH:** Search video (movie) timeframe

  Press the "SEARCH" button, and enter the initial time that you want to start at, then press the "ENTER" button to play.



- **PAUSE/STEP:** Pause the playback or play frame by frame.
- **ZOOM:** Zoom in/ out on the movie or picture.

Original Size

First Press：ZOOM 01

Second Press：ZOOM 02

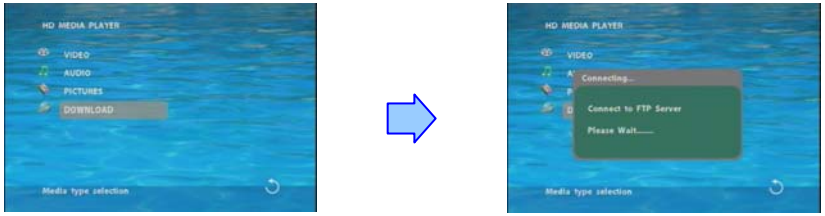
Third Press：ZOOM 03

8.2 DOWNLOAD FUNCTION

Before it downloading files from the FTP server, the B1080PW-2 will delete all contents on CF card except the file on the CF card and the FTP server are the same.

8.2.1 Manual Download Function

- Please confirm that the B1080PW-2 is already connected to the network. (Refer to 7.1 Network Setup)
- Please use the"▼"button to select the "DOWNLOAD" item, and press "ENTER" button. The B1080PW-2 will connect to the FTP server and download files automatically.
- Before download files, the B1080PW-2 will delete all contents on CF card first.

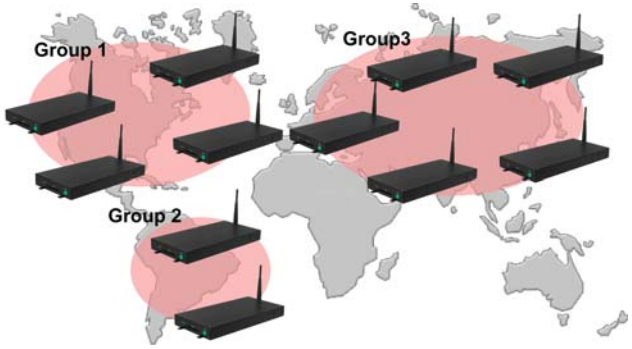


- The pop-up window that shows the status of download and the screen saver will appear while the B1080PW-2 is downloading files. After finishing downloading files, the B1080PW-2 will display the files automatically.

Screen Saver

8.2.2 Auto Download Function

- If there are more than one B1080PW-2, you can use ftp tools to divide them into different regional group.



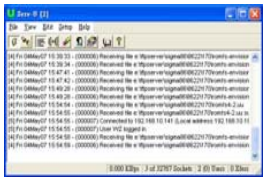
For example.

- Use the ftp tool "**Serv-U**" to divide into three groups, and setup the "User name", "Password" and "FTP port number" of three groups for login ftp server.

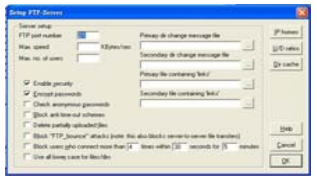
Group 1: User name: ipmedia/ Password: 0000/ FTP port number: 21

Group 2: User name: ipmedia2/ Password: 1111/ FTP port number: 21

Group 3: User name: ipmedia3/ Password: 2222/ FTP port number: 21



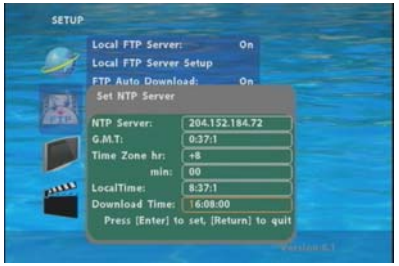
FTP tool：Serv-U



Setup "User name", "Password" and "FTP port number"

- Enter the "**Remote FTP Download Setup"** window of B1080PW-2, and then type the same "User name (User ID)", "Password" and "Port". The B1080PW-2 in group 1, please type the "User ID: ipmedia", "Password: 0000" and "Port: 21".

- Please enter the "**Network Timer NTP**" window of B1080PW-2, and set up the "**Download Time**", then the B1080PW-2 will download all the files from the FTP server at the designated time.



NOTE: The filename of the media files in FTP server cannot have any spaces.

8.2.3 Download Pause / Resume

The B1080PW-2 supports download pause/resume. You can press the “STOP” button to pause downloading media files. The B1080PW-2 can continue unfinished downloads upon next session.

NOTE: If the network connection is unstable or broken, a pop-up window will appear as shown below. The B1080PW-2 will attempt to resume downloading in 2 minutes. The user can terminate the download by pressing the “RETURN” button.

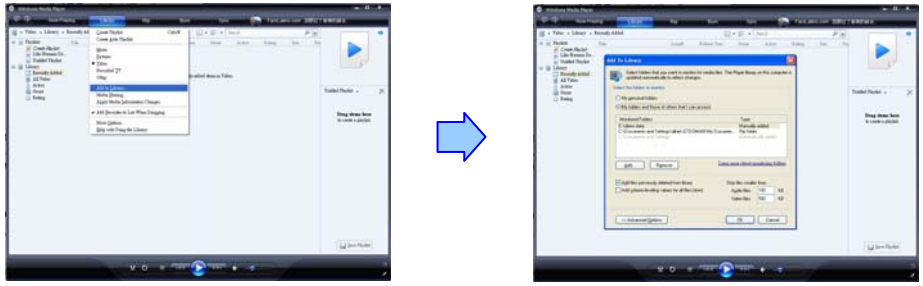
8.3 PLAY THE MEDIA FILES ON THE PC

■ Using Windows Media Player Version 11 (Windows XP/ Vista only)

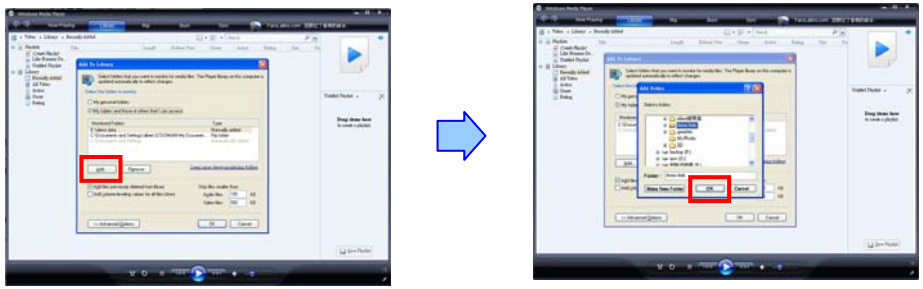
Step 1: Please download and install Windows Media Player Version 11 on your PC first.

Step 2: Launch the Windows Media Player Version 11 and the window below will appear.

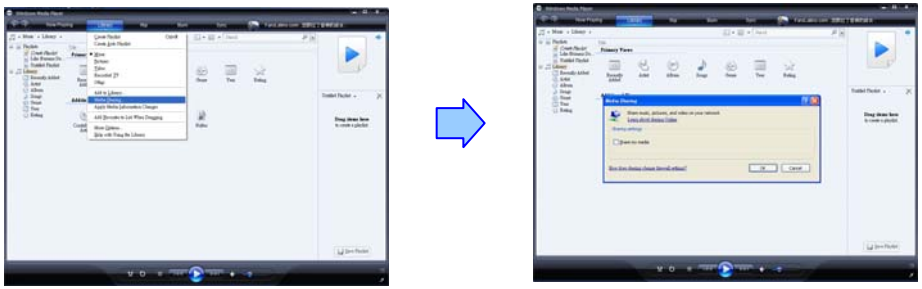
Step 3: Click the “Library” tab, and then click “Add to Library”.



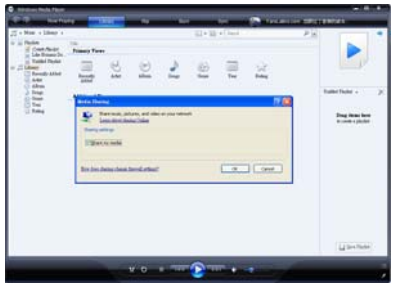
Step 4: Click “Add” and select the folder containing the media files you want to share, then click “OK”.



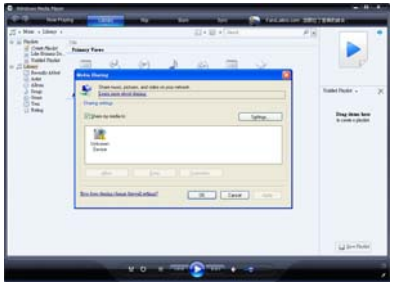
Step 5: Click the “Library” tab, and then click “Media Sharing”.



Step 6: Select the “Share my media”, and click “OK”.



Step 7: In the Media Sharing dialog box, select the “Share my media” check box.

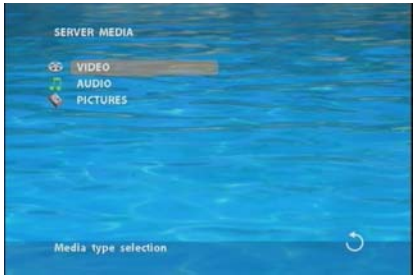


Step 8: Confirm that the B1080PW-2 is connected to the network.

In the list of devices below the “Share my media to” check box, select the device (B1080PW-2), and click “Allow” to share the media files.

Step 9: The shared folder will appear on the screen of the B1080PW-2. Select the folder and click the “ENTER” button on remote control to go into the folder.

Step 10: Select the type of data (VIDEO/ AUDIO/ PICTURES) you want to play, and then press the “ENTER” button on remote control.

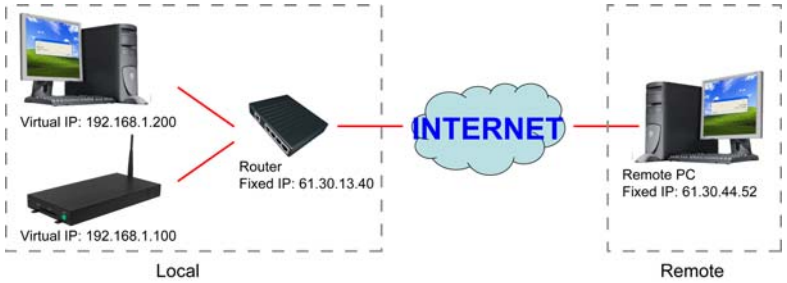


Step 11: Select the file you want to play, and press “ENTER” or “PLAY” button on the remote control to play the file.

NOTE: If the media files shared from PC are not listed on screen, restart your PC.

8.4 DOWNLOAD / UPLOAD MEDIA FILES

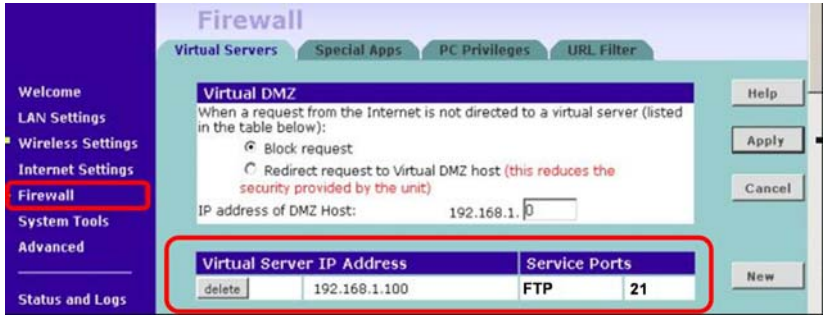
Method 1: Connect by IE Browser



Step 1: Confirm the “**IP Assigned by DHCP”** has been disabled, then enter the “**Network Setup**” item, and type IP Address (example. 192.168.1.100), Mask and Gateway for the B1080PW-2 (refer to 7.1).

Step 2: Confirm the “**Local FTP Server**” function has been enabled (refer to 7.1).

Step 3: Please setup your router or firewall, and open a port 21 for the B1080PW-2. The following figure is an example, please refer to your user’s manual of router for opening ports.



Step 4: Start IE on PC and type the FTP site or IP:

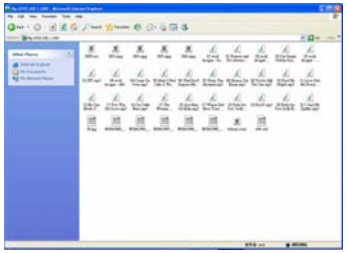
In the local PC, please type “**ftp://192.168.1.100”.**

In the remote PC, please type “**ftp://61.30.13.40:21”.**

Step 5: Then type the “User Name” and “Password” and click “Log On” to log on to the B1080PW-2 Server. (Default User Name: **root** Default Password: **admin)**

Log On As
To log on to this FTP server, type a user name and password.
FTP server: 192.168.1.100
User name: root
Password:
After you log on, you can add this server to your Favorites and return to it easily.
FTP does not encrypt or encode passwords or data before sending them to the server. To protect the security of your passwords and data, use Web Folders (WebDAV) instead.
Learn more about using Web Folders.
Log on anonymously
Save password
Log On
Cancel

Step 6: After logging on, all the media files in the CF card on the B1080PW-2 will be listed. You can download and upload the media files between CF card and your PC.

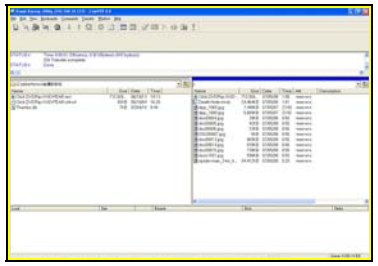


NOTE: After file being download/ upload will stop playing. After downloading files, the B1080PW-2 will display the movie files automatically.

Method 2: Connect by FTP Tools

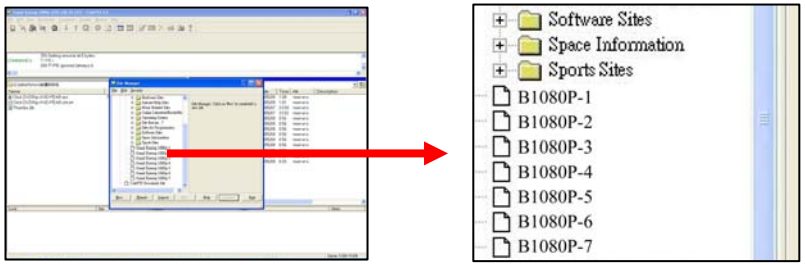
For example.

- If there are multiple B1080PW-2, you can use the "**CuteFTP**" tool to connect and manage files easily.

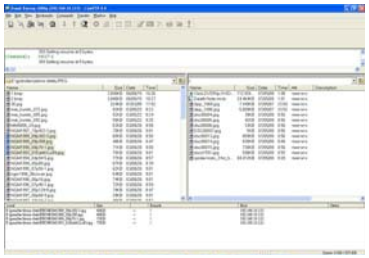


CuteFTP

- You can create all the B1080PW-2, and only select the B1080PW-2 that you want to connect in the list.



- Select the files you want upload to the B1080PW-2, or download the files to your PC.



NOTE: After file being download/ upload will stop playing. After downloading files, the B1080PW-2 will display the movie files automatically.

8.5 RS-232 FUNCTION (RS-232 cable is optional)

Use the tool "Tera Term" or other tools to control the B1080PW-2 with ASCII command.

NOTE. 1.Baud Rates:

- Firmware Updating: Set up the baud rate as "115200".
- ASCII Command: The available baud rates is 38400.

2. The reaction time of B1080PW-2 is around three seconds.

■ Keyboard Layout

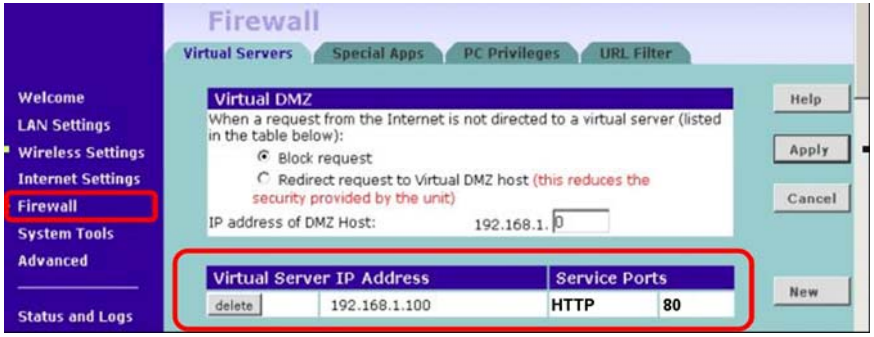
q：POWER	**-：VOL -**	**w：SLOW**
R：RETURN	***：MUTE**	**>：NEXT**
!：REPEAT	**S：SELECT**	**<：PREW**
~：SETUP	**A：Auto Download**	**u：UP**
#：TV MODE	**p：PLAY**	**d：DOWN**
%：AutoPlay	**P：PAUSE/STEP**	**l：LEFT**
i：INFO	**x：STOP**	**r：RIGHT**
m：NTSC/PAL	**f：FFW**	**s：ENTER**
$：SEARCH	**b：REW**	**C：CLEAR**
+：VOL +	**(XXXXX.XXX)：Play The File (xxxxx.xxx is the file name)** **NOTE：Must include the round brackets.**	
[number]: Play the file by index. (numbers < upper case letters < lowercase letter)		

■ Pin Assignment

D Sub 9Pin Female	D Sub 9Pin Female
Pin 1	Pin 4
Pin 2	Pin 3
Pin 3	Pin 2
Pin 4	Pin 1
Pin 5	Pin 5
Pin 6	Pin 6
Pin 7	Pin 8
Pin 8	Pin 7
Pin 9	Pin 9

9. HTTP COMMAND FUNCTION

- Confirm that the B1080PW-2 is already connected to the network. (Refer to 7.1)
- Confirm the "**Local HTTP Server**" function has been enabled, and the "**Local HTTP Server Setup**" set has been completed (refer to 7.2).
- Set your router or firewall, and open a port 80 for the B1080PW-2. The following figure is an example, please refer to your user's manual of router for opening ports.



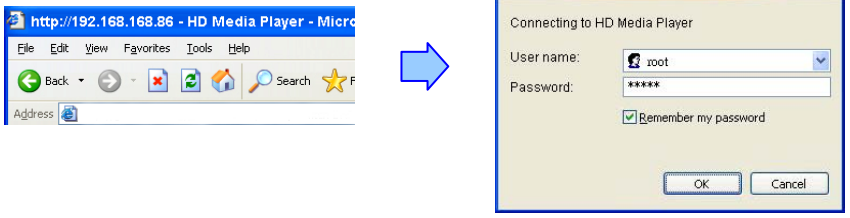
- **Start IE on PC and type the HTTP site or IP:**

  In the local PC, please type "http://192.168.1.100".

  In the remote PC, please type "http://61.30.13.40:80".

- Type the "User Name", "Password" and click "OK" to log on.

  (Default User Name: root**, Default Password:** admin)

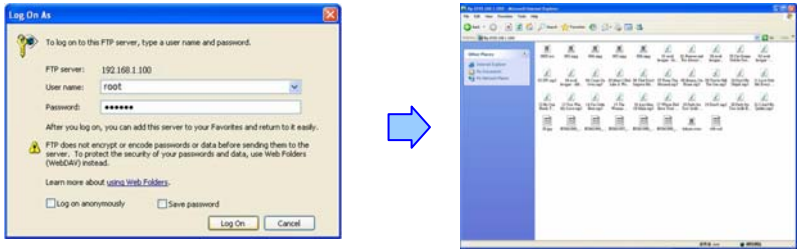


- There are three items: "Player Control", "Network Setup" and "Timer Setup" in the window.

9.1 PLAYER CONTROL

- **Power State:** Turn on/ off the B1080PW-2.
- **Check State:** Check the current state of B1080PW-2.
- **Playback Control:** Control the B1080PW-2 to play file/ stop playback/ pause the playback/ play the previous file/ play the next file/ rewind movie/ forward movie.
- **Play File:** Enter the file name that you want play, and click "Send" to play the file immediately.
- **Repeat File:** Select the repeat mode.
- **Auto Download:** Click "Send" to execute the auto download function immediately.

  Note: The "FTP Auto Download" function must be turned on and completed set.
- **Stop Auto Download:** Click "Send" to stop the auto download function immediately.
- **Connect FTP Server:** Click the FTP server address to connect to the B1080PW-2, and enter the user name and password (**Default User Name:** root, **Default Password:** admin) to log on. After logging on all the media files in the CF card on the B1080PW-2 will be listed. You can download and upload the media files between CF card and your PC.

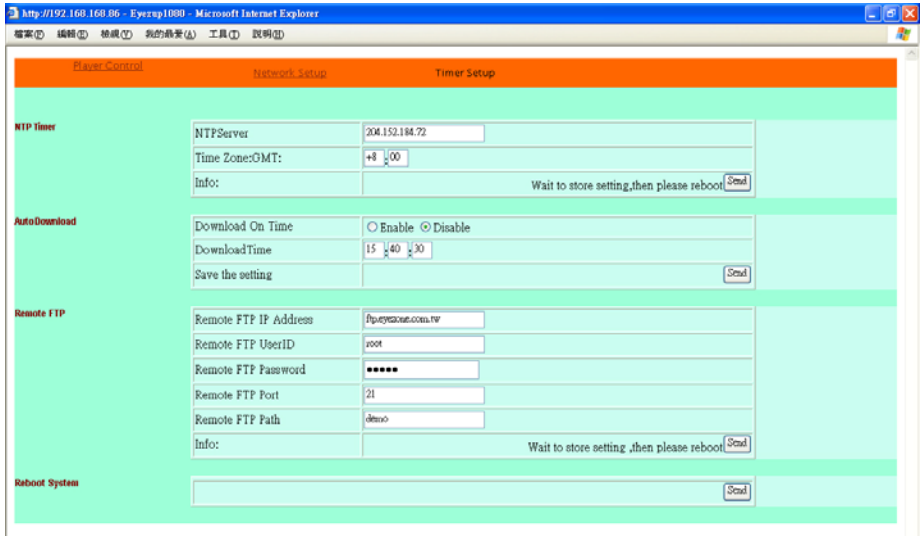

Log On As
To log on to this FTP server, type a user name and password.
FTP server: 192.168.1.100
User name: root
Password: ******
After you log on, you can add this server to your Favorites and return to it easily.
FTP does not encrypt or encode passwords or data before sending them to the server. To protect the security of your passwords and data, use Web Folders (WebDAV) instead.
Learn more about using Web Folders.
Log on anonymously
Save password
Log On
Cancel

- **Volume Control:** Enter the value for volume (0-30).
- **Auto Play:** Select the auto play mode (movies/ pictures/ All Files/ off).
- **Format CF Memory Card:** Directly format the CF card.
- **Reboot System:** Click "Send" to reboot the B1080PW-2 immediately.

9.2 NETWORK SETUP

- **Network Interface:** Select your network connection Disable/ RJ45/ Wi-Fi.
- **DHCP:** Enable/ Disable the DHCP function.
- **IP Address:** Enter the fixed IP address, Mask, Gateway and DNS for the B1080PW-2.
- **FTP Server:** Enable/ Disable the FTP Server function. You can also change the User ID, Password and port of the FTP Server.
- **HTTP Server:** Enable/ Disable the HTTP Server function. You can also change the User ID, Password and port of the HTTP Server.
- **Media Player 11:** Enable/ disable the Media Player 11 server.
- **WiFi Encryption Mode:** Disable/ enable the encryption function.
- **WiFi SSID:** You can modify the SSID name and password in this item.
- **Reboot System:** After setting, click **"Send"** to reboot the B1080PW-2.

9.3 TIMER SETUP



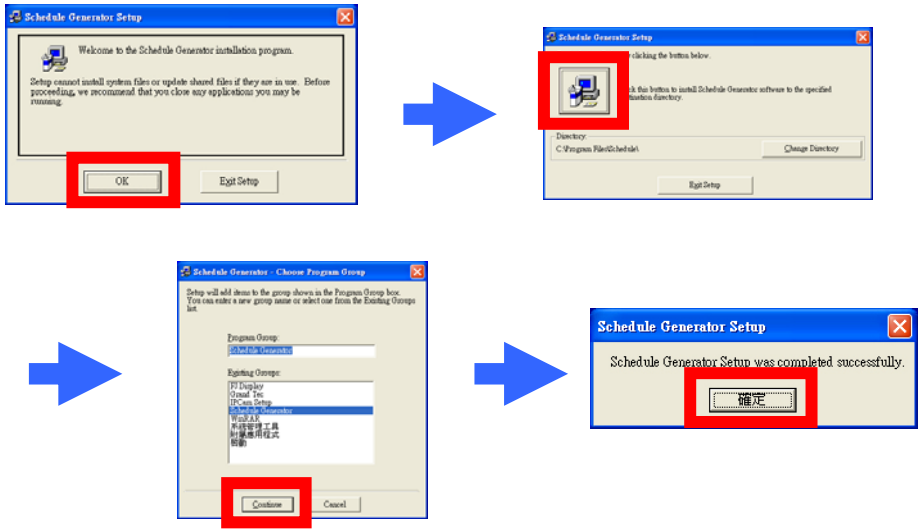
- **NTP Server:** Set the NTP Server.
- **Auto Download:** Set the auto download time.
- **Remote FTP:** Set the Remote FTP Server.
- **Reboot System:** After setting, click **"Send"** to reboot the B1080PW-2.

10. SCHEDULE FUNCTION

NOTE: The “NTP Server” or “Local Time” must be set before using the Schedule Function. (refer to 7.2)

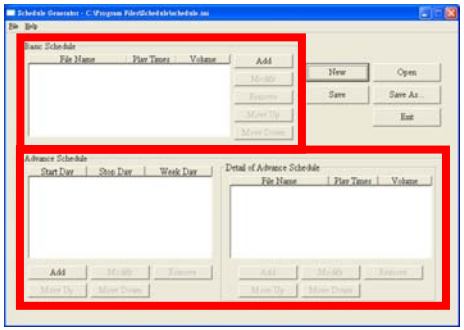
10.1 INSTALL THE SCHEDULE SOFTWARE

Execute “setup.exe” to install the Schedule software in the CD driver, and finish the installation procedure in accordance with the illustration below.



10.2 START THE SCHEDULE SOFTWARE

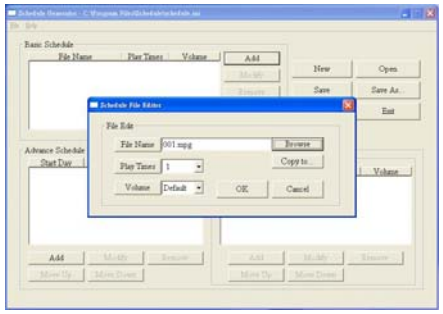
- Execute the program “Schedule Generator” to open the schedule window on your PC.
  <Start> → <Programs> → <Schedule Generator> → <Schedule Generator>
- There are two parts: “Basic Schedule” and “Advance Schedule” in the window.



10.2.1 Basic Schedule

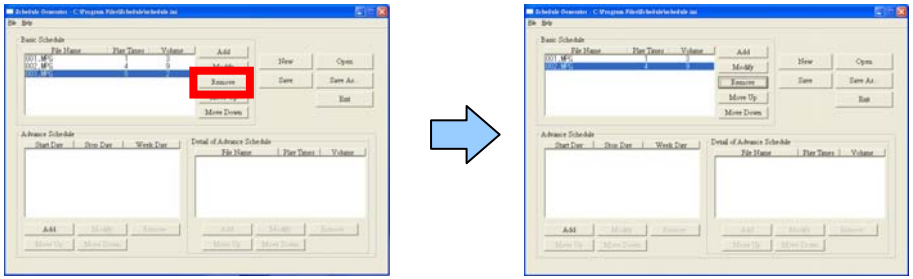
In the “Basic Schedule” mode, you can select files that you want to play and the set up the play times of each file.

- **Add:** Click this button to add a file. The following diagram appears：
  - Click the “Browser” button to search for files that you want to add. You can also set up the “Play Times” of the file in the window. Click the “OK” button to complete the setup.
  - Click the “Add” button again to add other file.
  - COPY Function: Click the “Copy to…” button to copy directly the added file to the memory card.

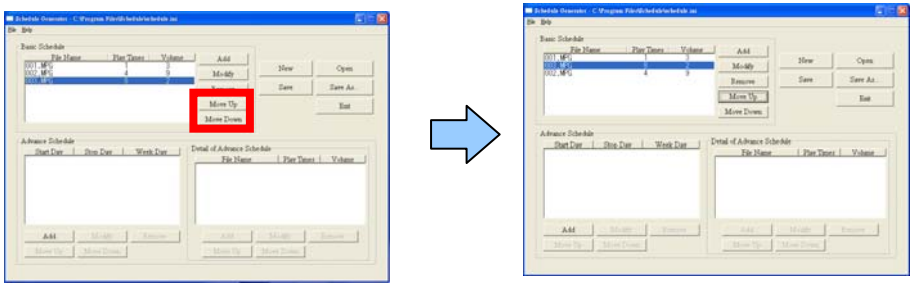


- **Modify:** Click this button to modify the file in the list.
  - Select the file that you want to modify in the list, and press the “Modify” button.

- **Remove:** Click this button to remove the file from the list.
  - Select the file that you want to remove from the list, and press the “Remove” button to delete.



- **Move Up / Move Down:** Click these buttons to change the order that the files are played.

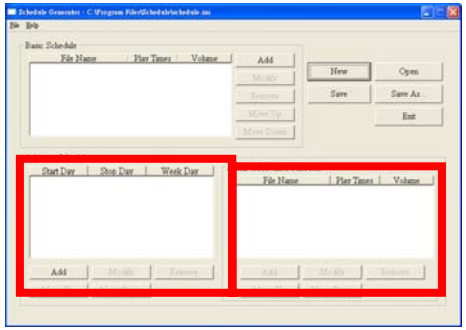


- After the setup, press the “SAVE” button, and a pop-up window will appear. Select the path, then click the “SAVE” button to save your setup.

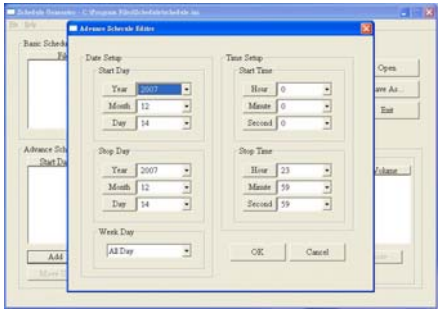
NOTE: Do not rename the file (schedule.ini), otherwise the B1080PW-2 will not be able to read the file.

10.2.2 Advance Schedule

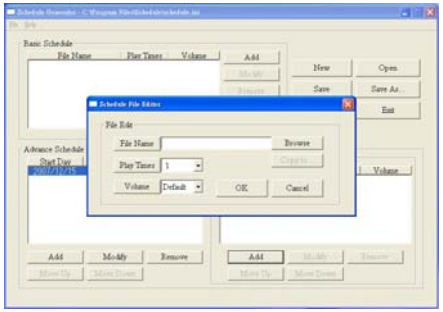
In the “Advance Schedule” mode, you can select files that you want to play, and can also set up the play times, and the initial and end time of each file. There are “Time Setup” and “File Setup” in the “Advance Schedule”.



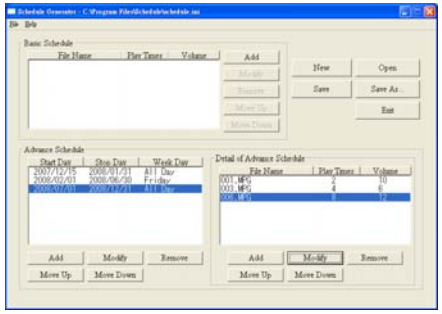
Step 1: Click the “Add” button in the “Time Setup” section to open the “Advance Schedule Editor” window. Set up the Start and Stop Date, Start and Stop Time and the Week Day, then click “OK” to quit the window.



Step 2: Click the “Add” button in the “File Setup” section to open the “Schedule File Editor” window. Click the “Browser” button to select a file that you want to play. You can also set up the “Play Times” of the file in the window. Click the “OK” button to complete the setup.



Step 3: Repeat the steps 1 & 2 to add other files.



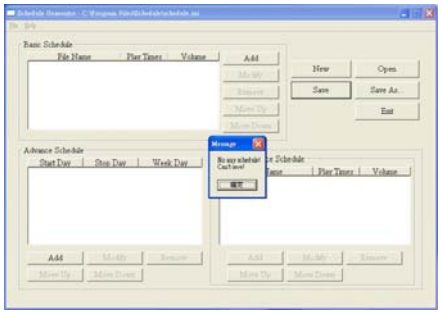
Step 4: After finishing all setup, press the “SAVE” button, and a pop-up window will appear. Select the path, then click the “SAVE” button to save.

NOTE: Do not rename the file (schedule.ini), otherwise the B1080PW-2 will not be able to read the file.

10.2.3 Explanation of the Warning Message

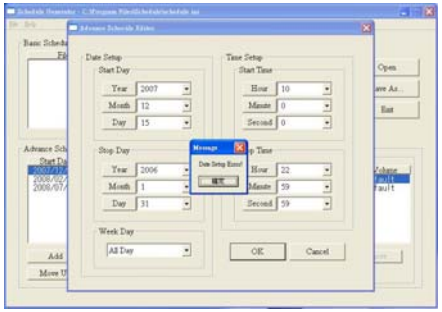
- **No any schedule! Can’t Save!**

There is no schedule file in the “Basic Schedule” or “Advance Schedule” can be saved. Please add and edit a new schedule file first.



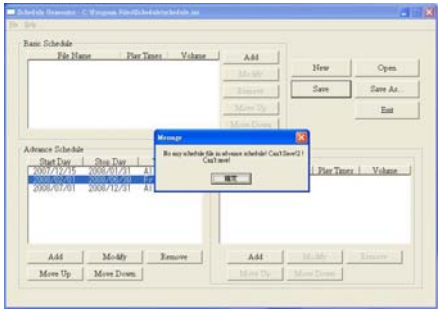
- **Date Setup Error!**

There are some errors in the “Advance Schedule”. Check the date/ time of the schedule for conflict or error.



- **No any schedule file in advance schedule! Can’t Save!**

There is no schedule file in the advance schedule. Please add files that you want to play in the advance schedule.



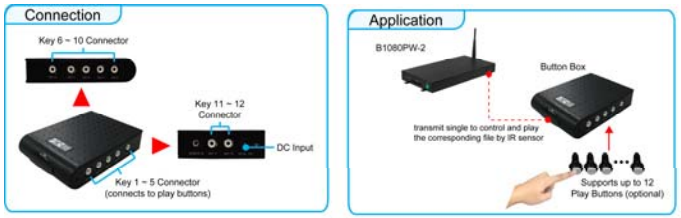
10.3 APPLY THE SCHEDULE ON THE B1080PW-2

Put the “schedule.ini” file and the associated media files on the memory card, and insert the memory card to the B1080PW-2. The B1080PW-2 will auto play the files at the designated time.

11. OPTIONAL AUXILIARY EQUIPMENT

11.1 PLAY-BUTTON BOX

- The Play Button Box supports up to 12 play-button inputs.
- Press one of the play buttons to play the corresponding file.
- **Hardware Connection**


Connection
Key 6 ~ 10 Connector
Key 11 ~ 12 Connector
DC Input
Key 1 ~ 5 Connector (connects to play buttons)
Application
B1080PW-2
Button Box
transmit single to control and play the corresponding file by IR sensor
Supports up to 12 Play Buttons (optional)

- **Play the Media File By the Play-Button**

ex. 5 Play-Buttons (supports up to 12 play buttons)

Step 1: Put 6 demo files on CF card. (1 default file and 5 demo files)

NOTE: The files are sorted by filename in ascending order alphanumerically (numbers < upper case letters < lowercase letter). Each button is mapped to a file by this order.

For Example:

There are 6 demo files on the CF card. The file names are **a01.xxx**, **33.xxx**, **b55.xxx**, **1abc.xxx**, **07.xxx** and **A01.xxx**. (xxx is extension of the file)

Default File: 07.xxx Demo File 1: 1abc.xxx Demo File 2: 33.xxx

Demo File 3: A01.xxx Demo File 4: a01.xxx Demo File 5: b55.xxx

Step 2：Insert the CF card to the B1080PW-2, and the B1080PW-2 will play the default file automatically while powered on.

Step 3: Press one of the buttons 1-5 to play the corresponding demo file.

Step 4: The B1080PW-2 supports two options (Repeat Default / Repeat All) when the demo file finishes playing. The functions can be set in the setup menu. (Other Setup → Play Button)

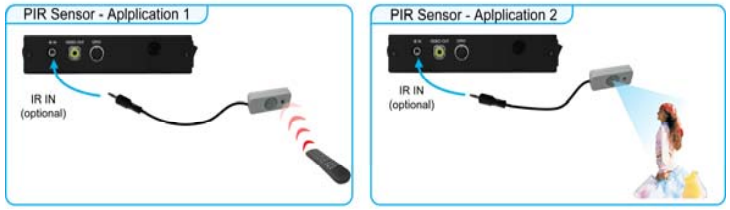
- **Repeat Default:** The B1080PW-2 will automatically play the default file when the demo file finishes playing.
- **Repeat All:** The B1080PW-2 will automatically play all the demo files when the demo file finishes playing.

11.2 IR Cable

The IR cable is an external remote control receiver. Connect the IR Cable to the IR connector.

11.3 PIR SENSOR

- **Application 1:** The PIR Sensor is an external remote control receiver.
- **Application 2:** The PIR Sensor is a motion detector.



11.3.1 Using the PIR Sensor

Step 1: Insert the CF card to the B1080PW-2, and the B1080PW-2 will play the default file automatically while powered on.

Step 2: After sensing approaching subjects, the B1080PW-2 will play the first demo file.

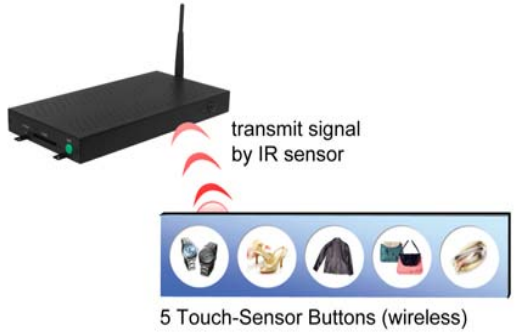
Step 3: The B1080PW-2 supports two options (Repeat Default / Repeat All) when the demo file finishes playing. The functions can be set in the setup menu. (Other Setup → Play Button)

- **Repeat Default:** The B1080PW-2 will automatically play the default file when the demo file finishes playing.
- **Repeat All:** The B1080PW-2 will automatically play all the demo files when the demo file finishes playing.

11.4 TOUCH-SENSOR BUTTONS

11.4.1 Features of the Touch-Sensor Buttons

- The number of touch-sensor buttons can be customized to 12, 24 or 36 for OEM project.
- Used with various operating environment (glass, plastics and acrylic material, except metal material), the thickness supports 3mm -5mm, and it can be customized to 5cm for OEM project.



11.4.2 Demo Files

Ex. Using the wireless 5 Touch-Sensor Buttons

- Put 6 demo files on CF card. (1 default file and 5 demo files)

NOTE: The files are sorted by filename in ascending order alphanumerically (numbers < upper case letters < lowercase letter). Each button is mapped to a file by this order.

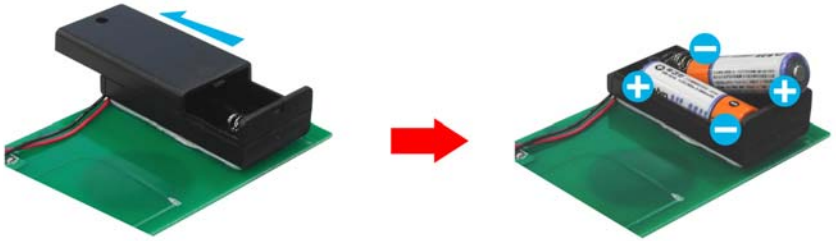
For Example:

There are 6 demo files on the CF card. The file names are **a01.xxx**, **33.xxx**, **b55.xxx**, **1abc.xxx**, **07.xxx** and **A01.xxx**. (xxx is extension of the file)

Default File: 07.xxx Demo File 1: 1abc.xxx Demo File 2: 33.xxx
Demo File 3: A01.xxx Demo File 4: a01.xxx Demo File 5: b55.xxx

11.4.3 Connect to the Touch-Sensor Buttons

- Open the battery cover and set the batteries (AA size) as shown below. Please note that the polarity of the battery.



11.4.4 Play the Demo Files

Step 1: Insert the CF card to the B1080PW-2, and the B1080PW-2 will play the default file automatically while powered on.

Step 2: Press one of the touch-sensor buttons 1-5 to play the corresponding demo file.

Step 3: The B1080PW-2 supports two options (Repeat Default / Repeat All) when the demo file finishes playing. The functions can be set in the setup menu. (Other Setup → Play Button)

- **Repeat Default:** The B1080PW-2 will automatically play the default file when the demo file finishes playing.
- **Repeat All:** The B1080PW-2 will automatically play all the demo files when the demo file finishes playing.

12. TROUBLESHOOTING

Situation	Check Point
No Picture	1. Check power cable and power switches. 2. Ensure the video cables are connected between the player and the B1080PW-2. 3. Press the “TV MODE” button on the remote control to select the correct output mode. 4. Make sure the file format on the CF card is correct. 5. Check if the display device is switched to correct video input source.
No Response From the Remote Control	1. Ensure that there are 2 batteries (AAA size) in the remote control and they are inserted the correctly. 2. Check for any barrier between the remote control and the product.
No sound	1. Check if the mute function is on. 2. Check if the volume is set properly. 3. Check if audio cable has been connected correctly.
No Responding while pressing the wireless touch – sensor buttons	1. Confirm the polarity of the battery.
Network Not Working	1. Check your IP settings on the Network Setup page. (refer to 7.1) 2. If using wired network, make sure the network cable is plugged in on both the B1080PW-2 and your network hub.
Wireless Network Not Working	1. Ensure that you have entered the correct WEP password for you access router. 2. Ensure that you wireless router supports 802.11b/g. 3. Adjust the wireless antennas for better signal reception.